



Figure B6. FFS for Five-Lane Freeway

It was mentioned earlier that “medium” sensitivity variables should be considered as *possibly needing* more data to determine good default values. Although FFS has “medium” sensitivity, more data is not needed. The FFS is somewhat sensitive when based on the number of lanes; however, it is fairly easy to assume (default) this variable based on the environment (urban, suburban, rural, etc.) where the facility is going to be constructed.

The amount of trucks that are contained on a freeway segment does affect capacity. However, on most freeway facilities, trucks do not have a significant affect on the LOS, as shown in Figure B7. This is because most freeways are on terrains that have low percent grades for relatively short distances. Therefore, on relatively flat freeways the percentage of trucks is considered a “low-medium” sensitivity variable.